



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 3:48 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 420 Const Calendar Day: 143 Date: 25-Oct-2012 Thursday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 08:50 AM 05:40 PM Break: 00:30 Over Time: 00:00

Federal ID:

Location:

Reviewer: Schmitt, Alex

Approved Date:

Status: Submit

04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge

Weather

| Temperature | 7 AM | 12 PM | 4 PM |
|---------------|------|-------|-----------|
| Precipitation | | | Condition |

Working Day ☒ If no, explain:

Diary:

Dispute

Cable Wrapping

Overview of Cable work today:

The following work was ongoing today on the Cable:

- Cable wrapping
- Painting of the suspender ropes
- Installation of suspender clamps

Today I was inspecting Tony Costa's crew on Cable wrapping on the North main-span. See the diaries of L. Woo, S. Daouk, F. Carpio, A. Schmitt, & V. Pereyra for additional details of Cable field work.

- I arrived at the pier 7 office at 08:50, & was on the bridge at 09:20. For details of the wrapping operation prior to this time, see the diary of Victor Pereyra. - Note: I am working a staggered later shift today at the request of Brian Boal to minimize overtime.

- At 09:20, the wrapping in the North main-span was on hold because of an issue in an area of the S-wire that may not be properly seated into the groove of the adjacent S-wire. I looked at the area along with Victor Pereyra & John Lyons. The S-wire was aligned properly, but not fully seated into the groove. The S-wire in this area was slightly bent, & it could have been an area where there was a shop splice. The area was hit down with a mallet until the S-wire seated down into the groove. In case this area was a shop splice, we asked that they also add 2 adwelds to secure these S-wires. See attached photo.

- At 10:15, they re-started wrapping.

- From 10:15 until 11:30, wrapping of the Cable was ongoing in the bay between the cable bands (CBs) at PPs 100N & 102N.

- At 11:30, wrapping with the "push" machine was stopped because the base [plate of the machine was up against the edge of the CB at PP100N. They still had about 1.5m of wrapping to complete this bay.

- From 11:30 until 11:45, Cadwelds were placed on the S-wires near the top of the Cable to secure the S-wires in place. - Note: they did not cut the S-wire, but plan to switch the bobbins from the "push" machine to the "pull" machine.

- From 11:45 until 12:45, they removed the "push" wrapping machine from the Cable.

- From 12:00 until 12:30, I ate lunch.

- From 12:45 until 14:20, they installed the "pull" wrapping machine onto the Cable.

- From 13:00 until 15:30, the laborers were applying zinc paste to the Cable just uphill of the CB at PP100N.

- From 14:20 until 15:20, Tony's crew was aligning the wrapping machine to get ready to start wrapping.

- At 15:00, Sami Daouk, who was covering Mike Draper's crew the wrapping at the South main-span, left at the end of his shift. I intermittently checked on this crew. They started to apply zinc paste just uphill of the CB at PP102S. Also, they tensioned the Cable hand-ropes so that they would support the wrapping machine, & started to install the wrapping machine on the Cable.



Daily Diary Report by Bid Item

Job Name: 04-0120F4 **Inspector Name** Wright, Doug **Diary #:** 420 **Date:** 25-Oct-2012 **Thursday**

- From 15:20 until the end of the shift, Tony's crew was wrapping the Cable with the "pull" machine. -
- Note: progress with this machine is quite slow as the S-wires often come out of alignment while wrapping. When this happens, they must stop the machine, & re-align the S-wires.
- From 16:30 until the end of the shift, the areas of the Cable with zinc paste were covered in protective plastic on both the North main-span & the South main-span.
- Note: the as-built location of the S-wire butt splice in the bay between PPs 100N & 102N is at about PP 100.9N. This is 5.7m uphill of the uphill edge of the CB at PP 102N.
- At 17:00, the crews wrapped up their tools to end the shift.
- At 17:10, I left the bridge.
- From 17:20 until 17:40, I wrote my diary for the day & checked email.

04-0120F4 Bid Item: 067 C-PWS-WCS.067 Wrap Cable System

AMERICAN BRIDGE/FLUOR, A JV

Labor

| Trade | Class | Name | RT Hrs | OT Hrs | DT Hrs | Total | Remarks | Dispute |
|--|-------|---------------------|--------|--------|--------|-------|---------|--------------------------|
| Contractor: AMERICAN BRIDGE/FLUOR, A JV | | | | | | | | |
| Ironworker | JNM | Robert Larue | 8.00 | 2.00 | 0.00 | 10.00 | | <input type="checkbox"/> |
| Ironworker | APP | ZACHARIAH MACDONALD | 8.00 | 2.00 | 0.00 | 10.00 | | <input type="checkbox"/> |
| Ironworker | APP | JONATHON BISKNER | 8.00 | 2.00 | 0.00 | 10.00 | | <input type="checkbox"/> |
| Ironworker | APP | AUGIE SOLIS | 8.00 | 2.00 | 0.00 | 10.00 | | <input type="checkbox"/> |
| Ironworker | JNM | CASEY LUX | 8.00 | 2.00 | 0.00 | 10.00 | | <input type="checkbox"/> |
| Ironworker | FOR | ANTHONY COSTA | 8.00 | 2.00 | 0.00 | 10.00 | | <input type="checkbox"/> |
| Semi-Skilled Laborer | JNM | LUIS DIAZ | 8.00 | 2.00 | 0.00 | 10.00 | | <input type="checkbox"/> |
| Semi-Skilled Laborer | FOR | GUILLERMO LIMON | 8.00 | 2.00 | 0.00 | 10.00 | | <input type="checkbox"/> |

Attachment



Cadwelds placed across S-wires to secure the S-wires in place, then ground to about 3mm in height